



Macromechanical

- Hopkinson bar technique
- Gas gun
- Plate impact
- Weight drop, etc.

FIG. I(a)
(PRIOR ART)

Macromechanical

- Short beam shear
- Flexural bending, etc.

FIG. I(b)
(PRIOR ART)

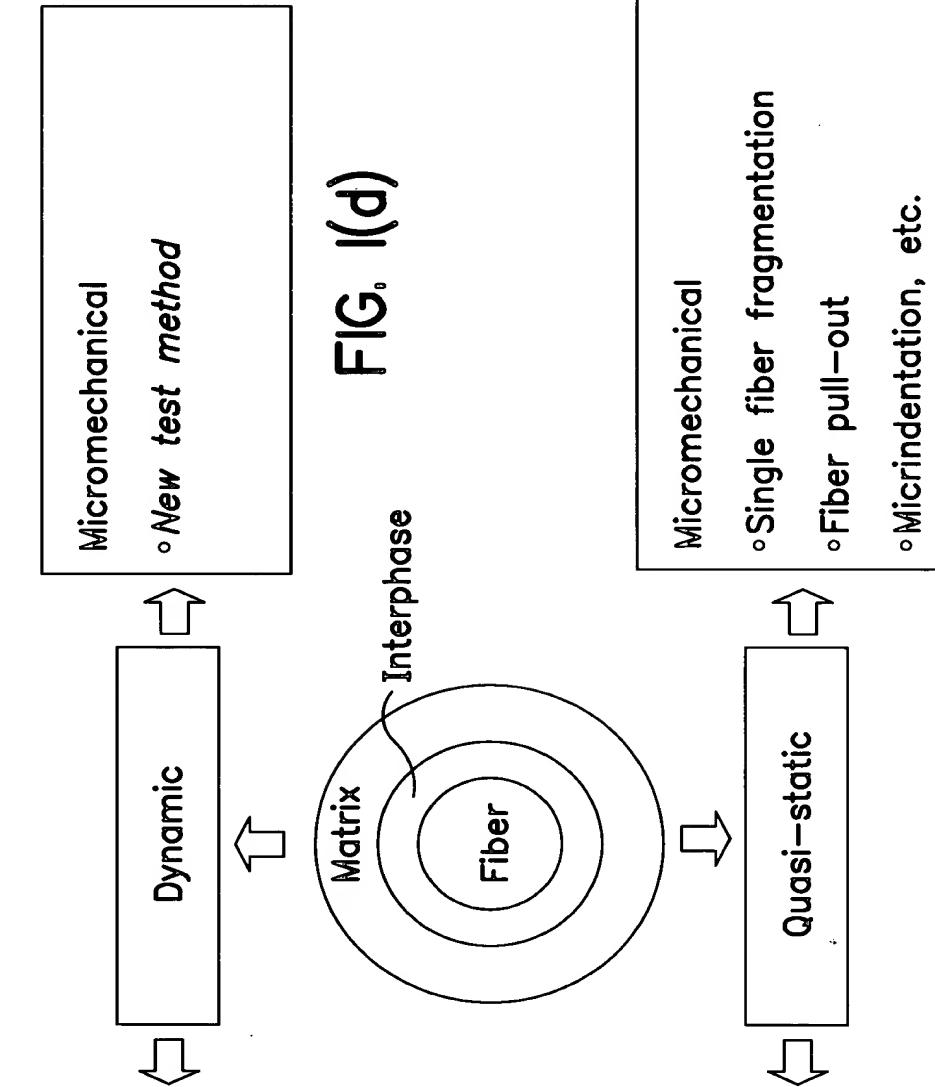


FIG. I(c)
(PRIOR ART)

Micromechanical

- Single fiber fragmentation
- Fiber pull-out
- Micindentation, etc.

Micromechanical

- New test method

FIG. I(d)

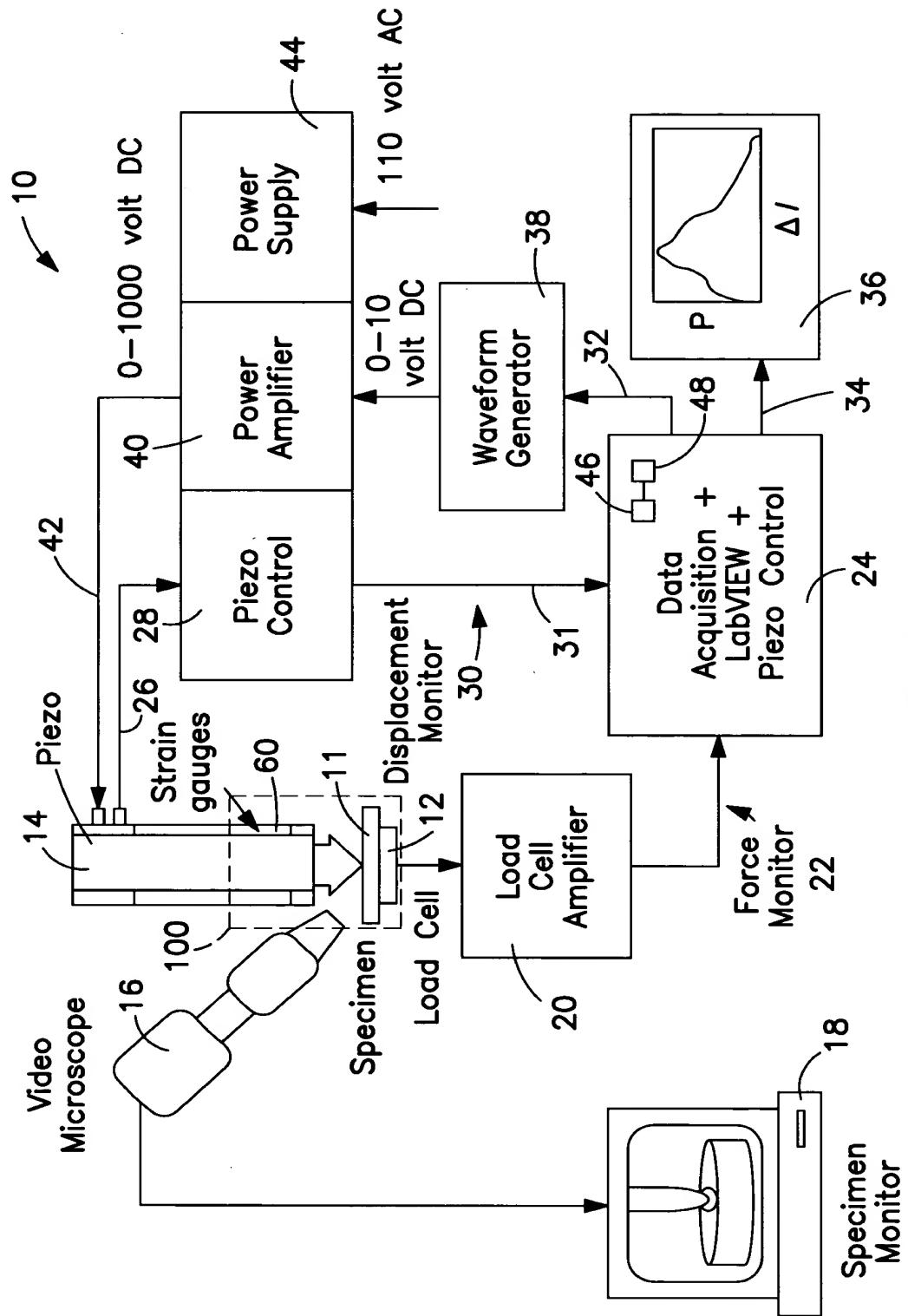


FIG. 2

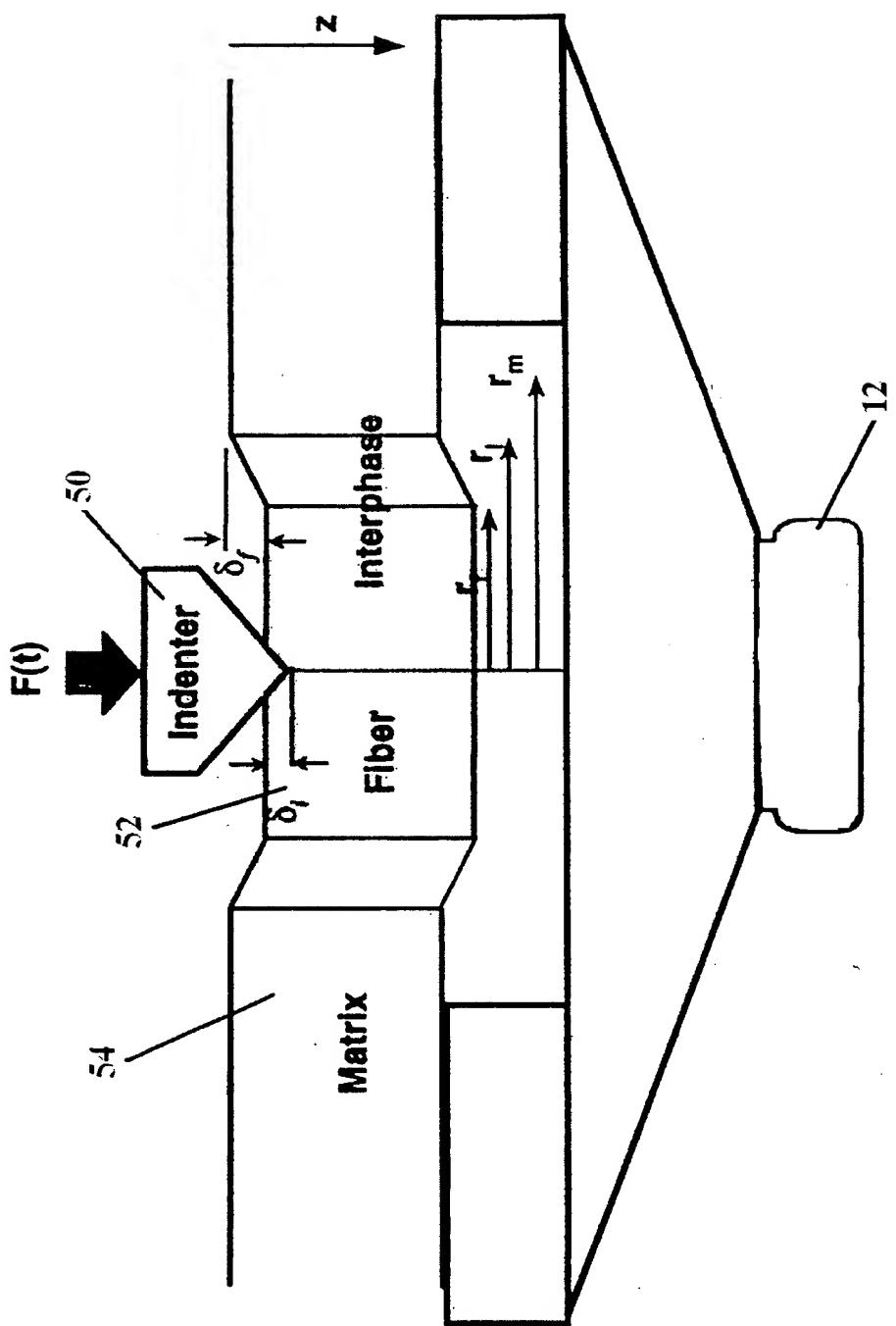


Fig. 7